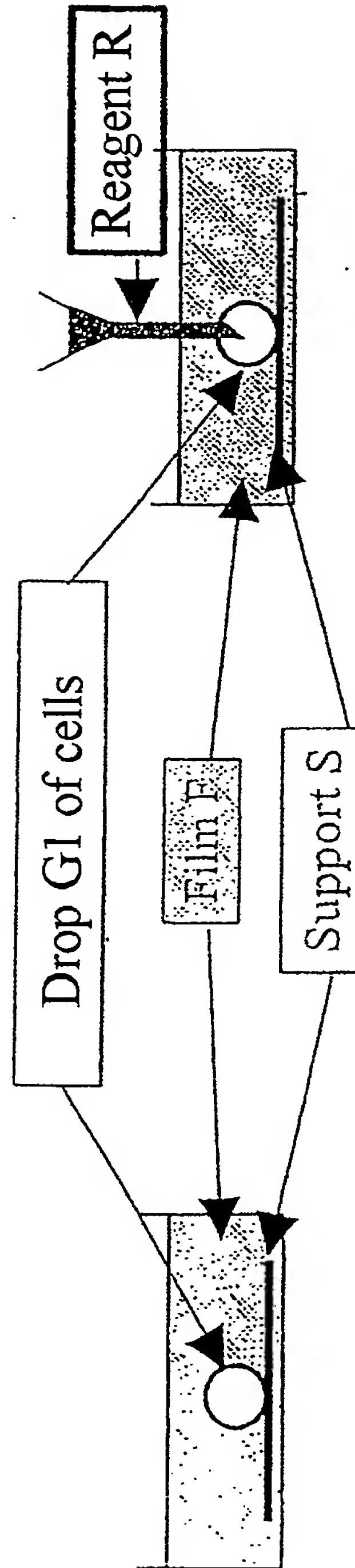


Figure 1: Transfection by injection of drops : R into G1



A. Drop G1 on support S

➔

B. Injection of reagent R into G1

BEST AVAILABLE COPY

Figure 2: Transfection by fusion of drops: G1 + R

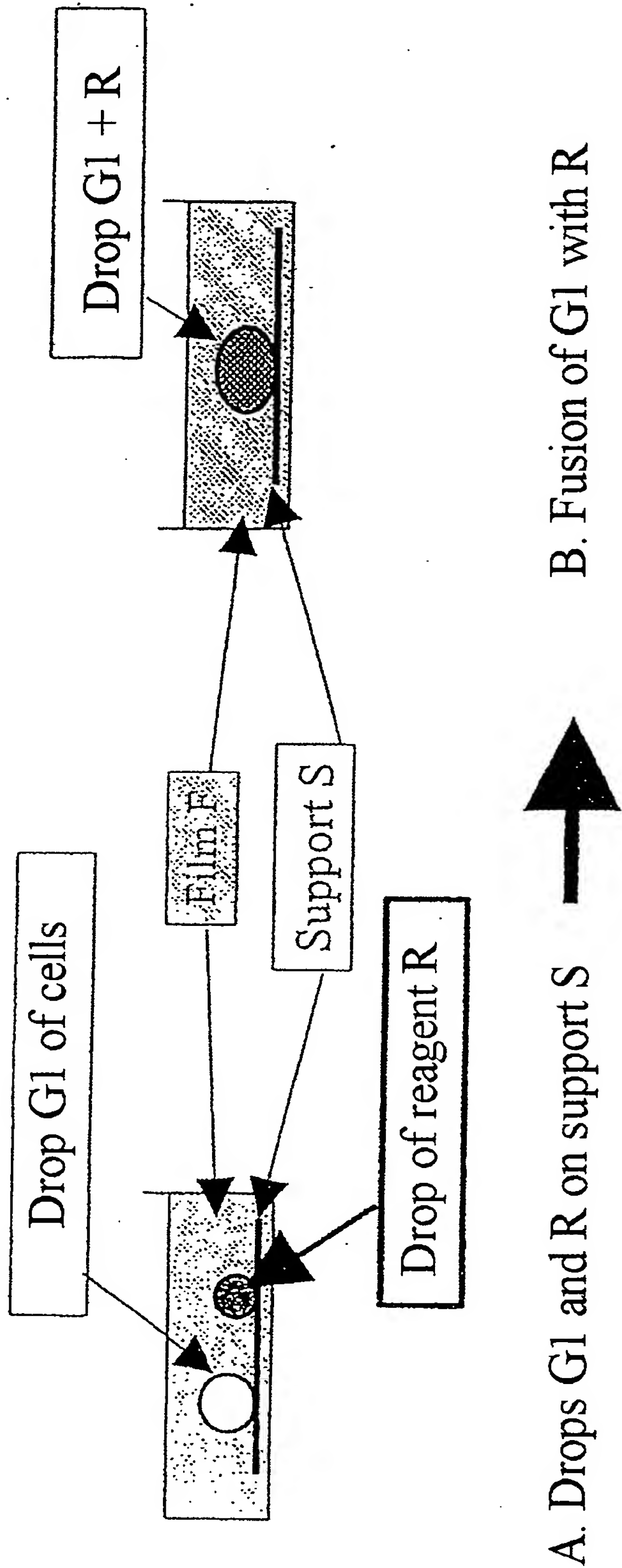


Figure 3: Transfection in drop G1 by detachment of reagent R

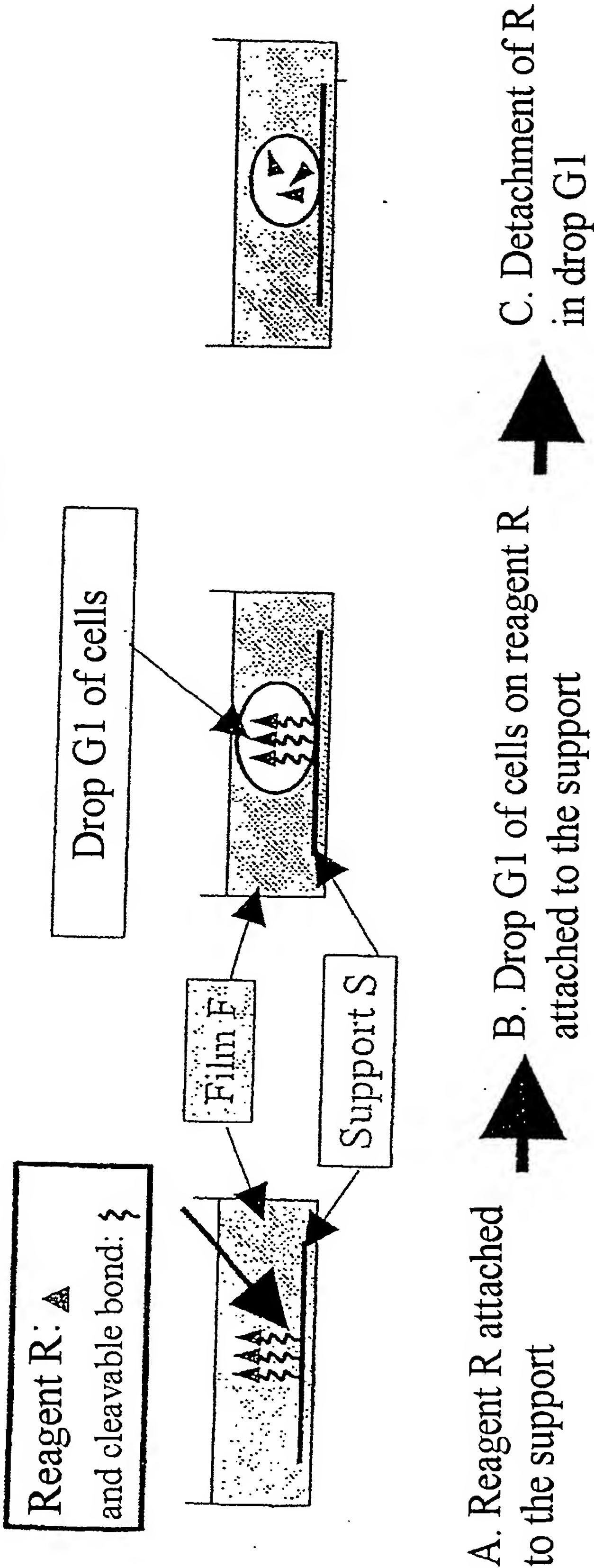
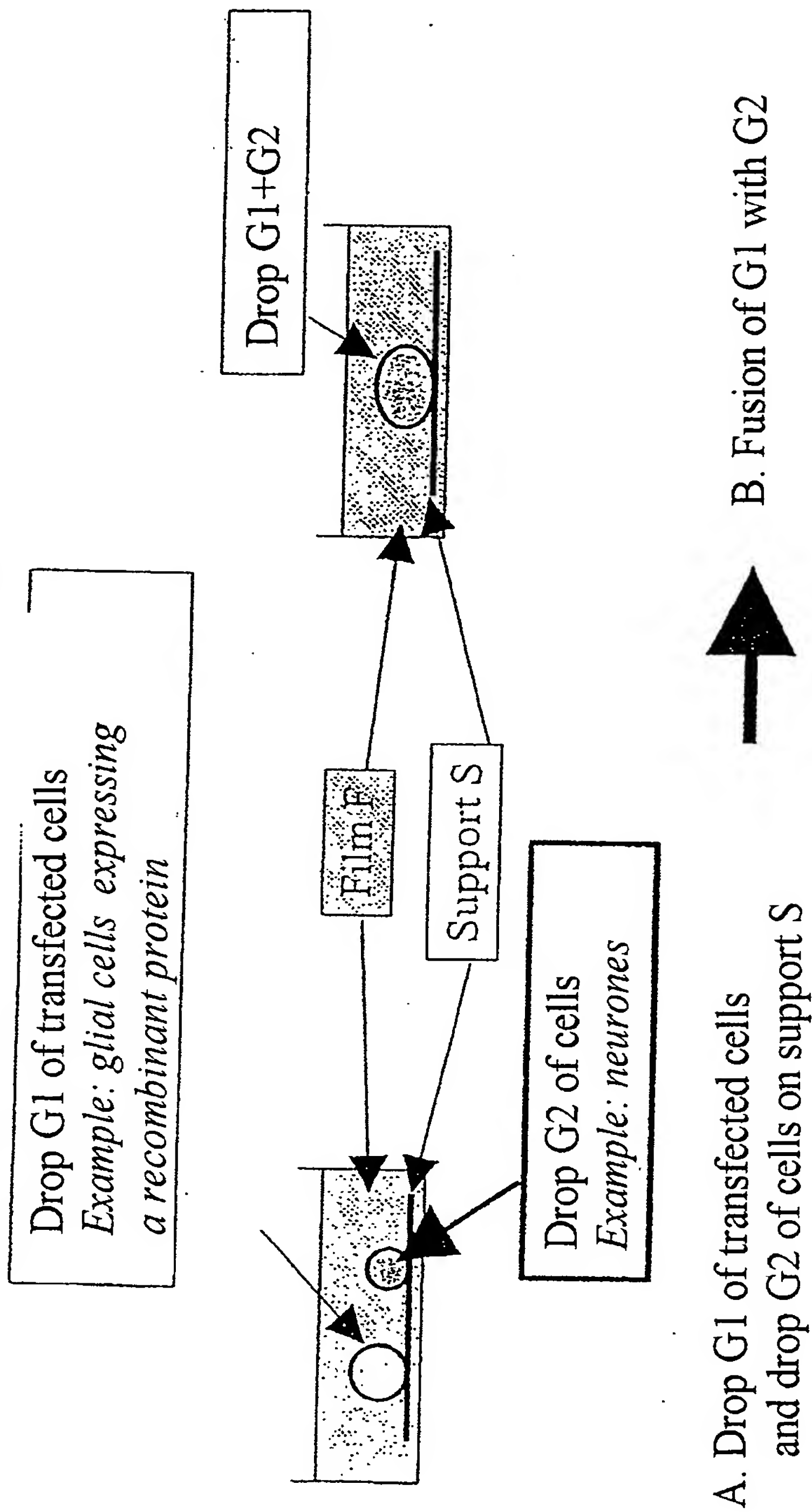
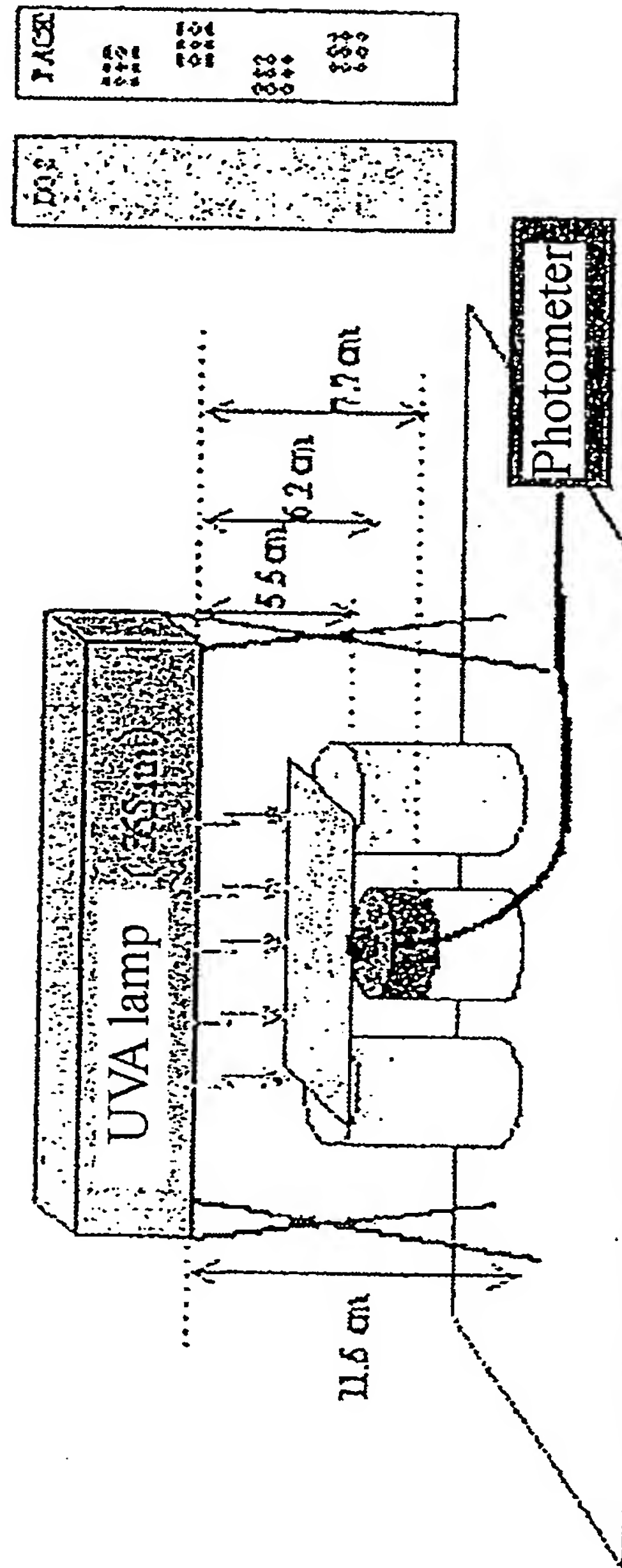


Figure 4: Fusion of cell drops G1+G2 after transfection
Example of the expression of a recombinant protein in a suspension of glial cells and of the activation of a suspension of neurones



5/12

Figure 5: Photocleavage device



BEST AVAILABLE COPY

6/12

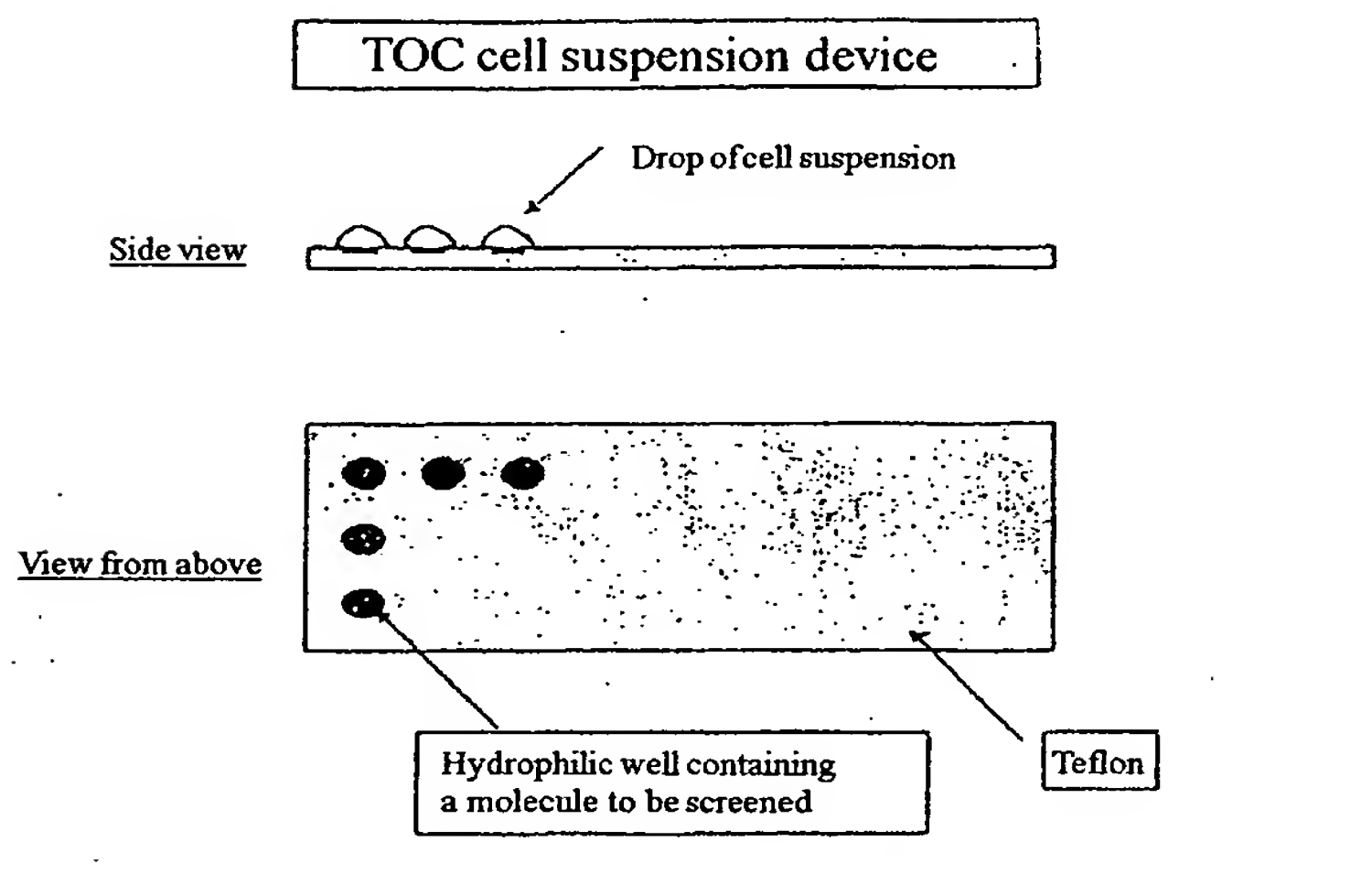


Figure 6

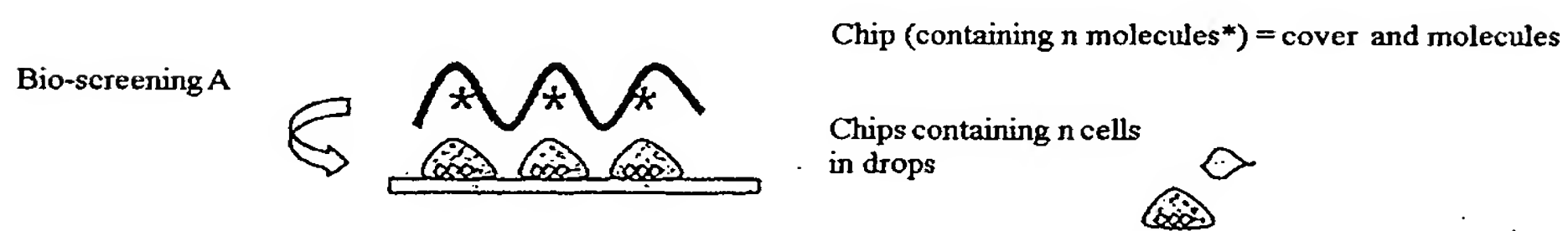


Figure 7

BEST AVAILABLE COPY

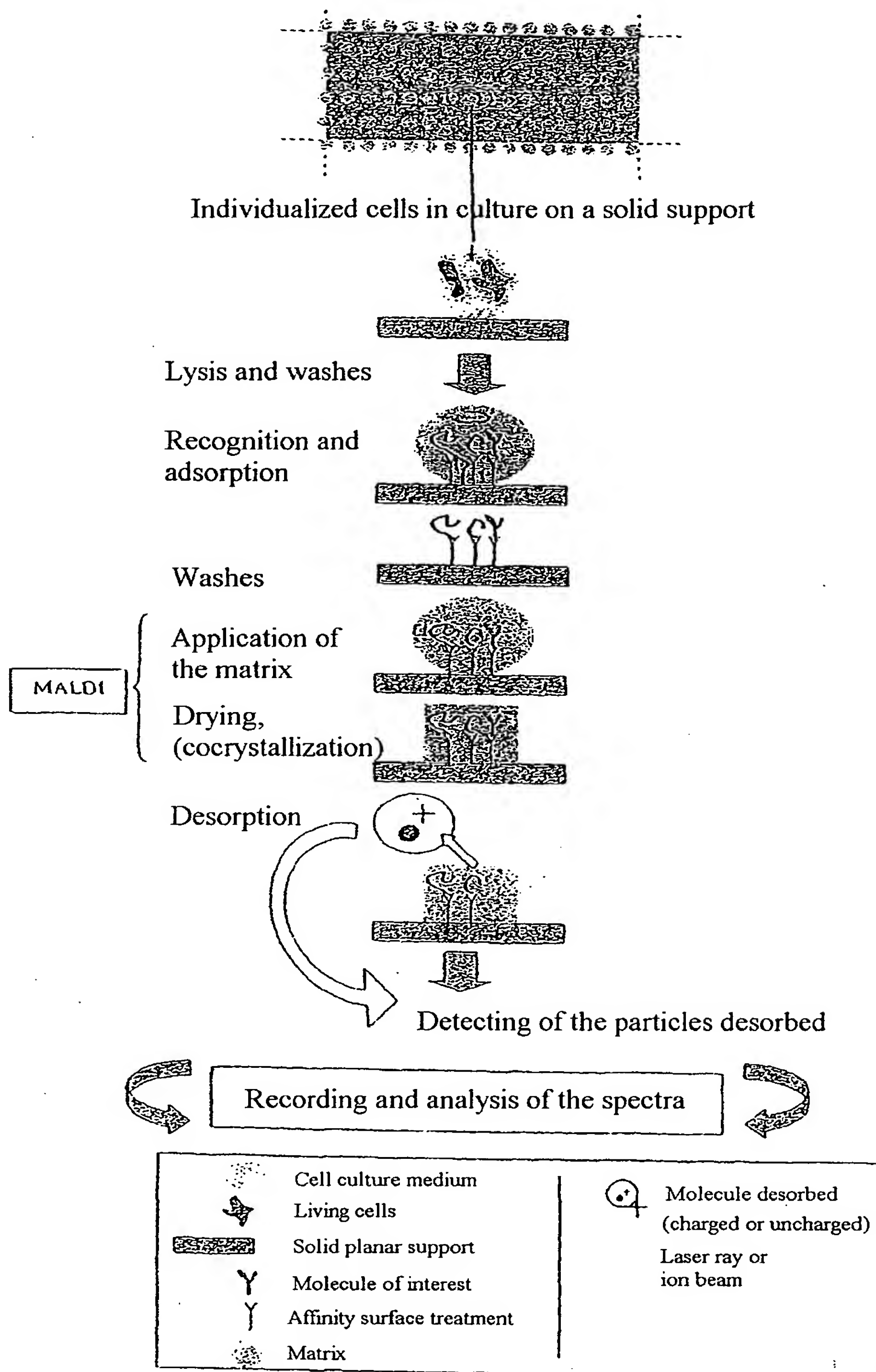


FIGURE 9

9/12

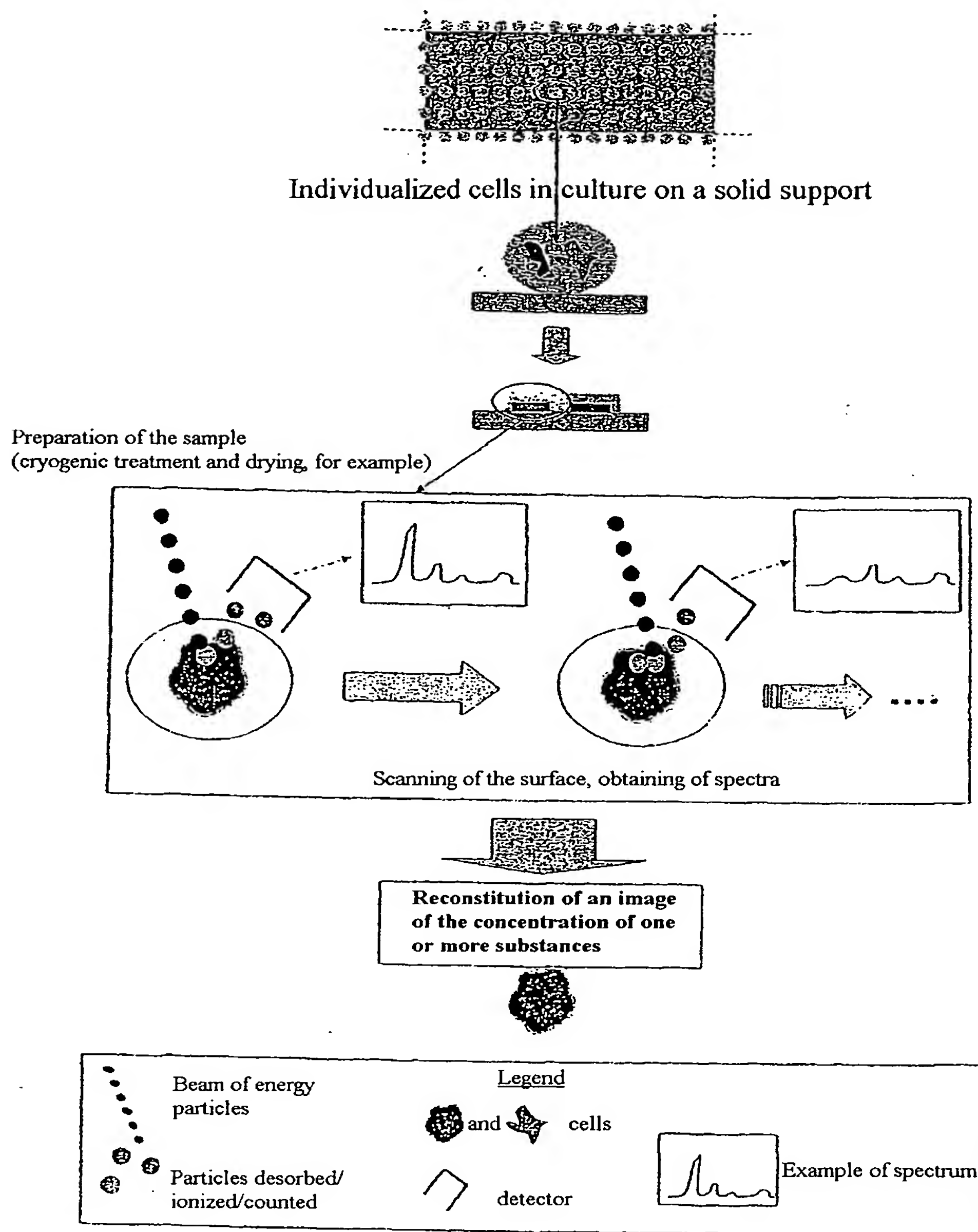


FIGURE 10

BEST AVAILABLE COPY

BEST AVAILABLE COPY

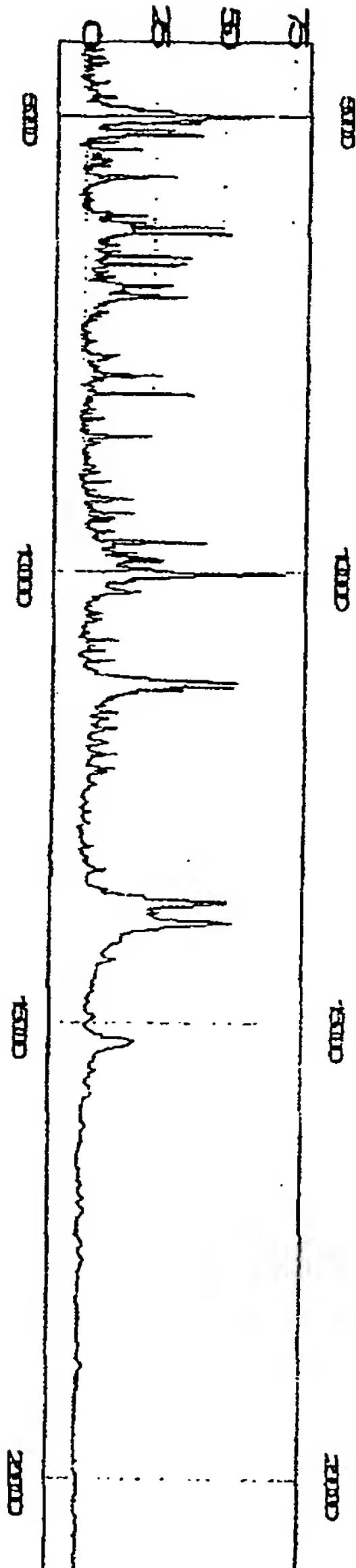


Figure 11: Example of a spectrum obtained without CDDP and without TNF. Along the x-axis is the mass to charge ratio in Daltons (Da); along the y-axis is the signal intensity (100 corresponds to the saturation of the detector).

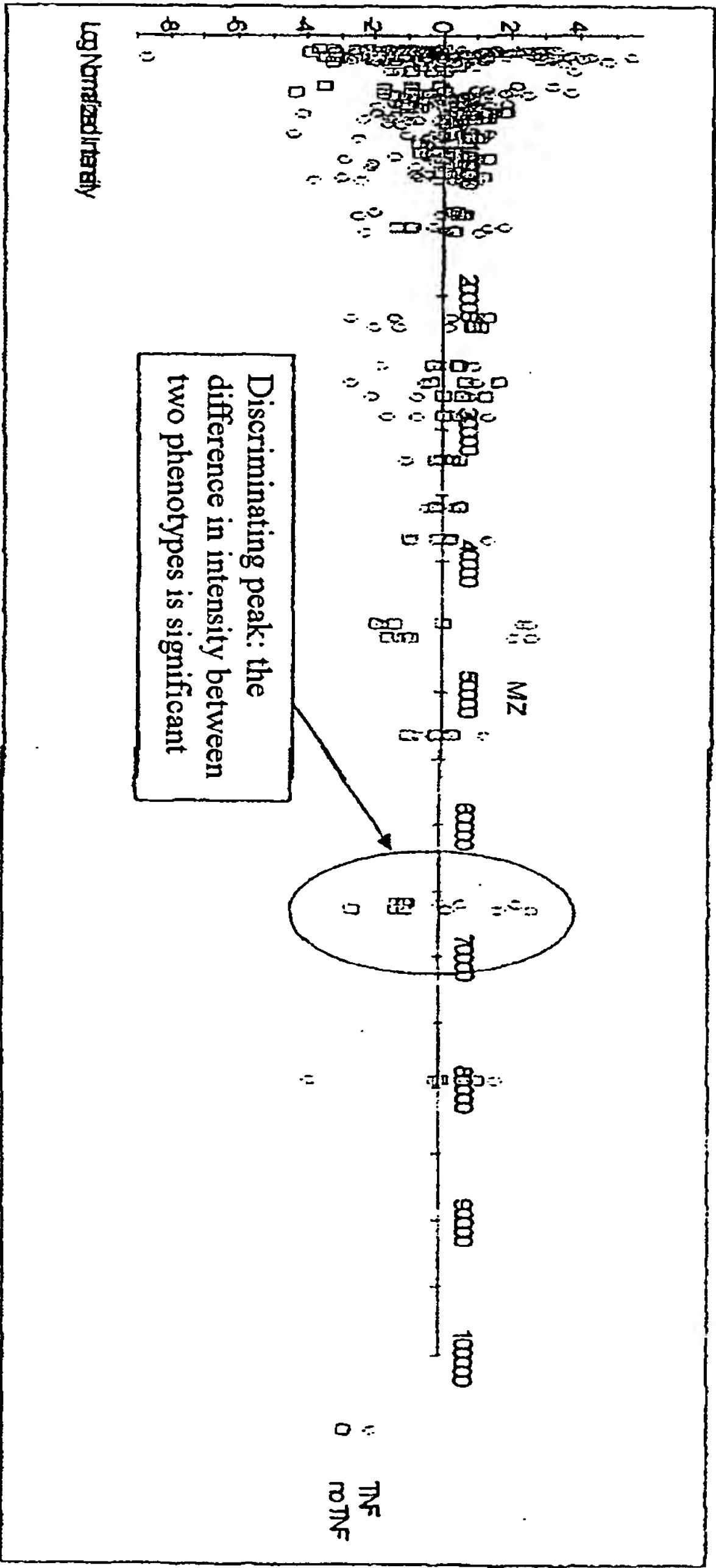


Figure 12: Representation of the differences between the spectra of the two phenotypes without TNF and with TNF

12/12

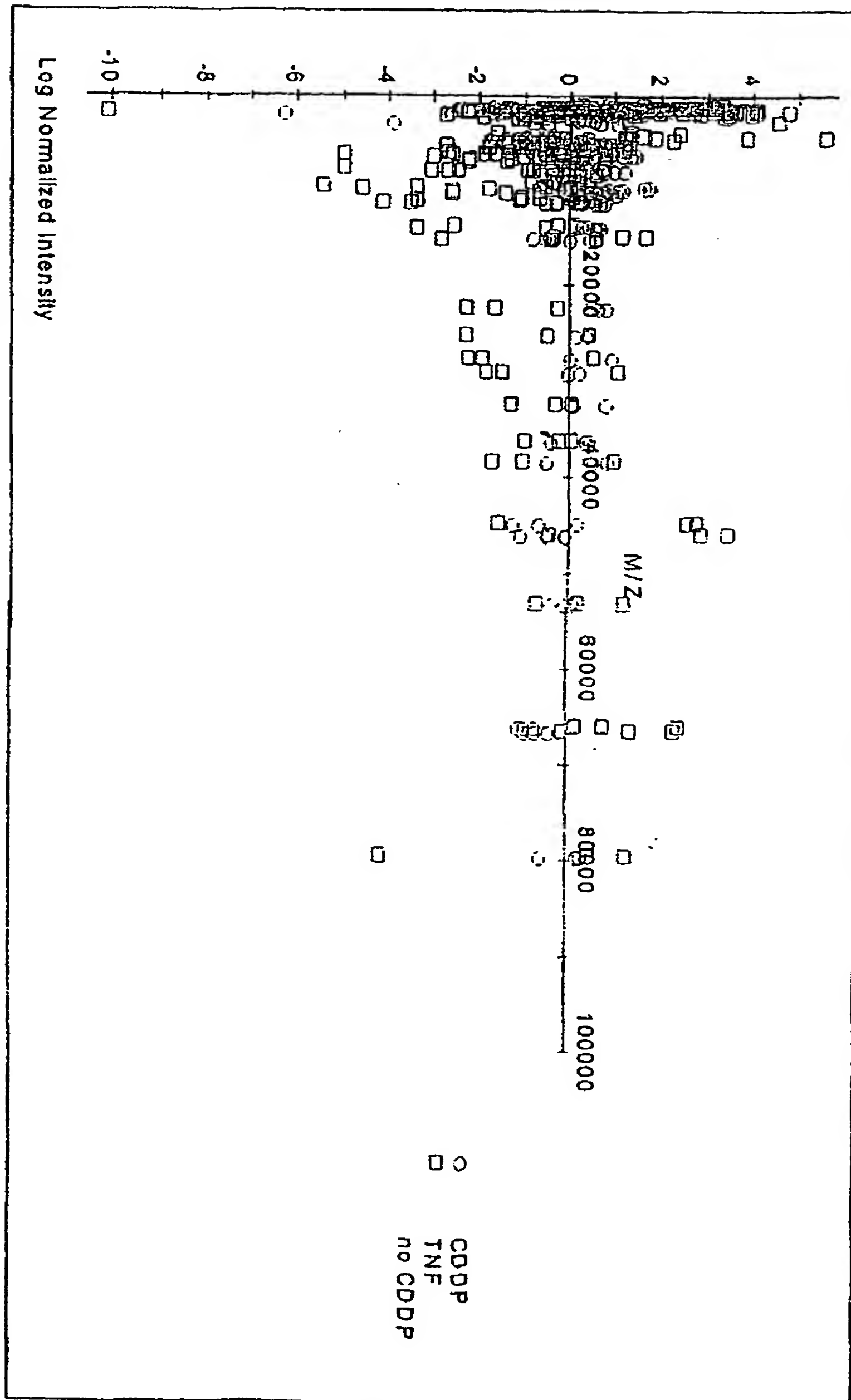


Figure 13: Representation of the differences between the spectra of the three phenotypes without TNF or CDDP, with TNF and with CDDP

BEST AVAILABLE COPY